

**FACULTÉ DES SCIENCES ET DES TECHNOLOGIES**

**(FST)**

**Troisième année**

**RAPPORT**

**Sur le Projet Nº 6**

**COURS**

**Réseaux II**

**Professeur  
Ismaël SAINT AMOUR**

**PRÉPARÉ PAR**

**Peterson CHERY**

**SEMESTRE**

**II**

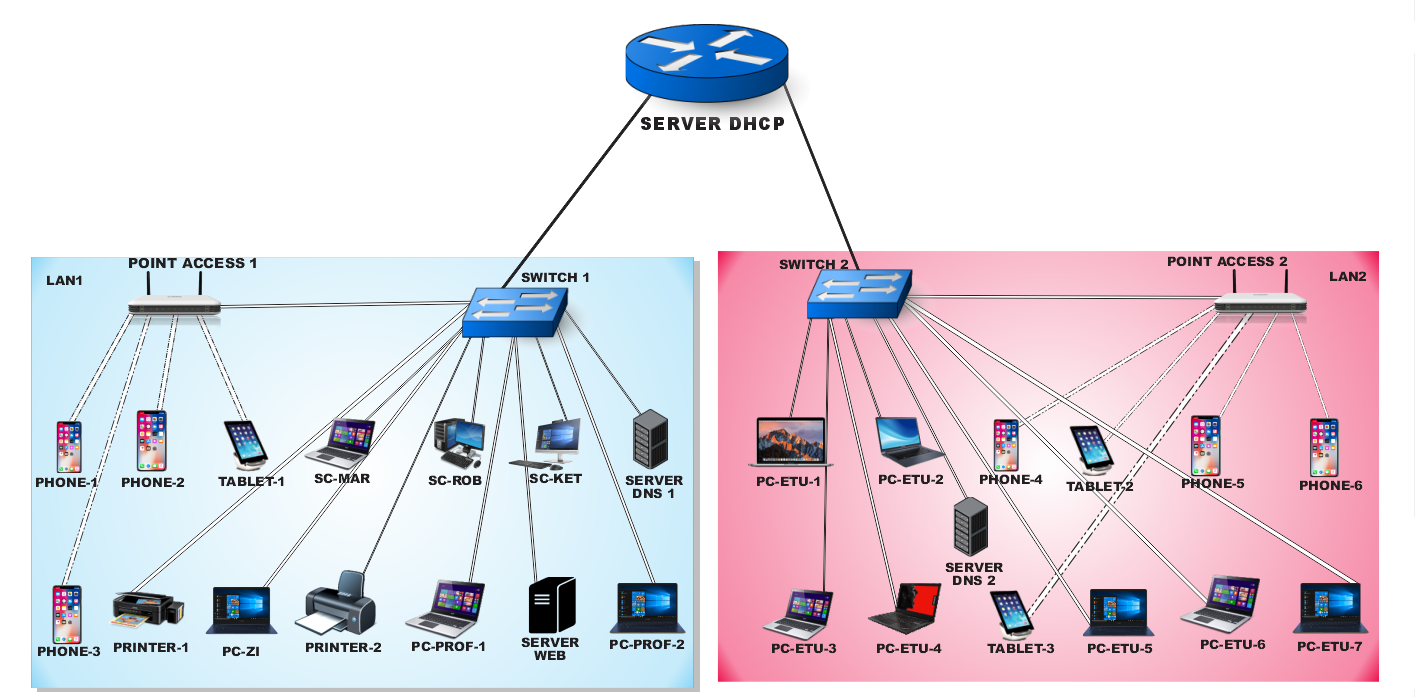
**Sujet**

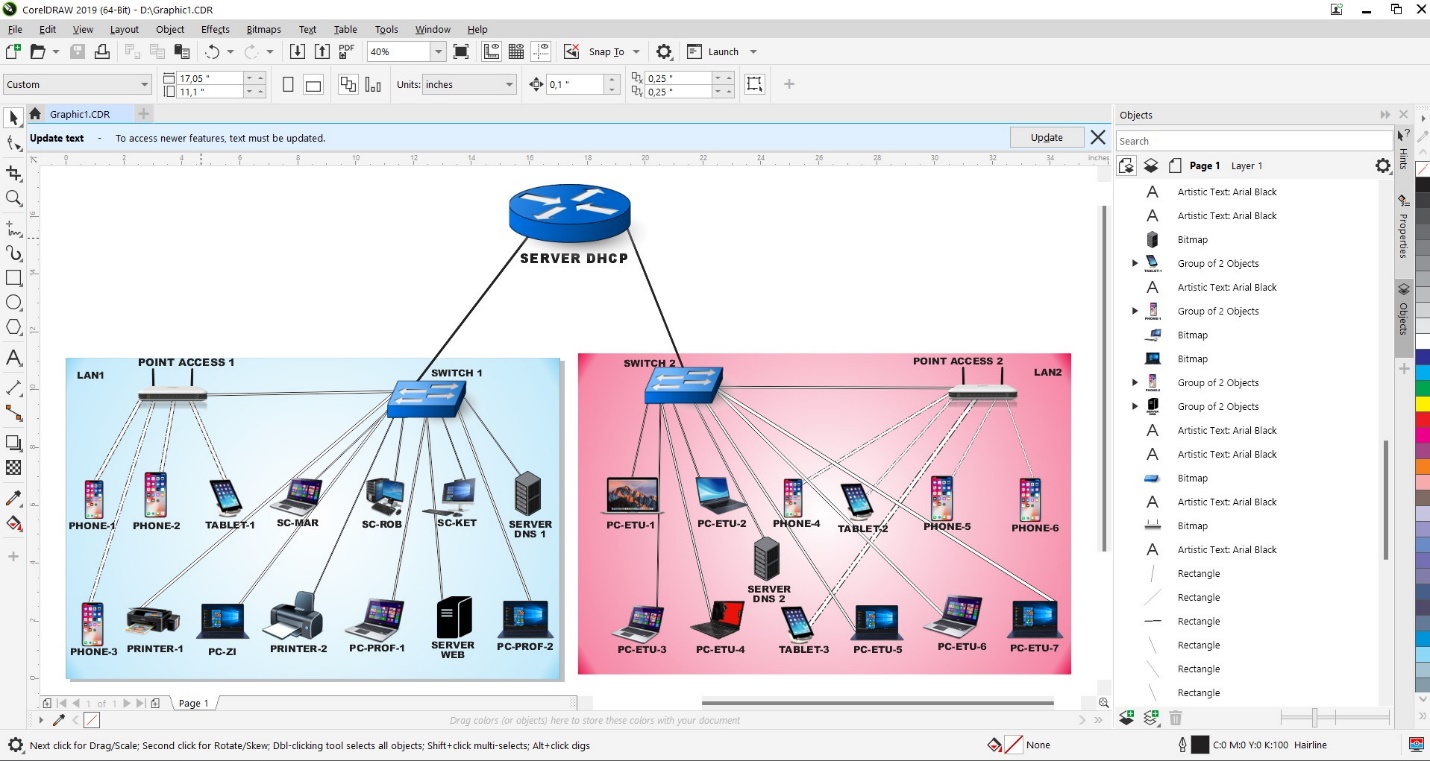
**Configuration et Étude des Services DNS et DHCP avec**

**GNS3 et Cisco Packet Tracer**

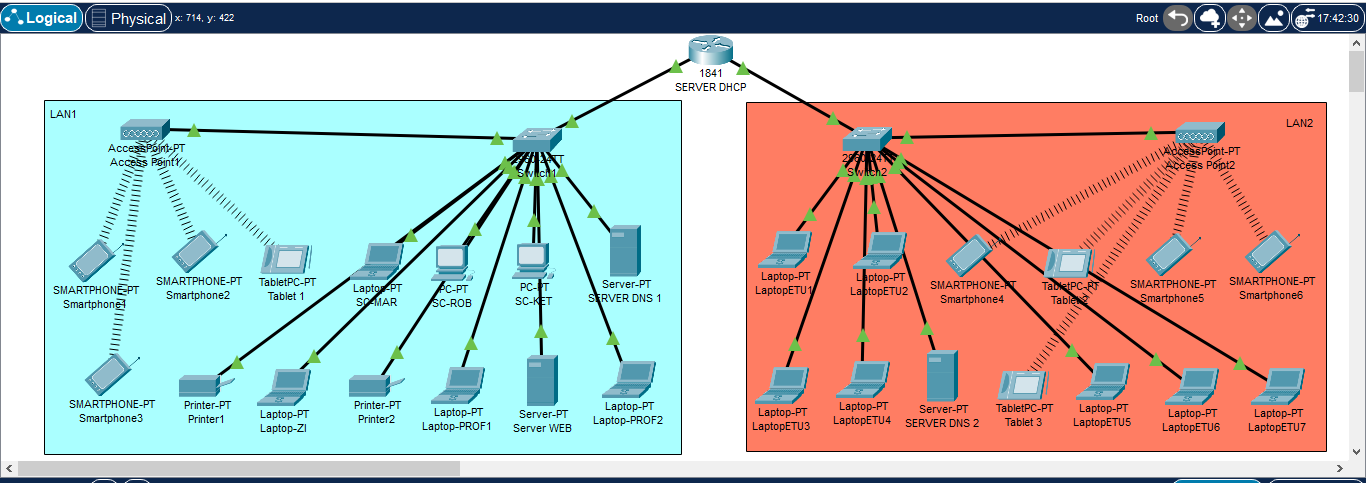
**Le 28/05/2025**

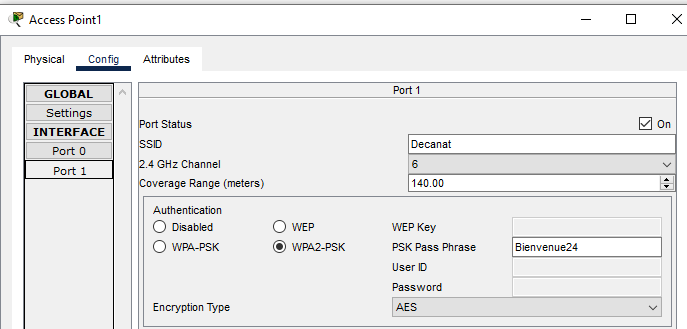
1. **Conception de l’architecture du réseau DNS et DHCP sur Corel 2019 :**

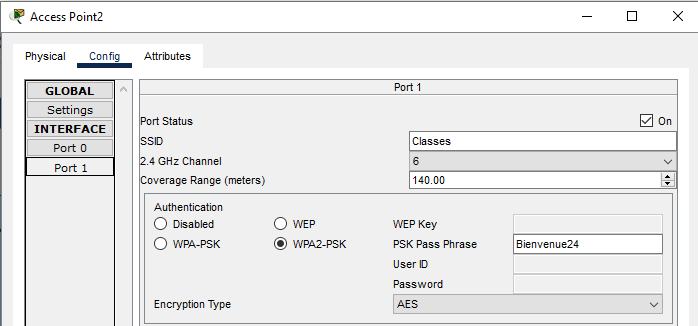
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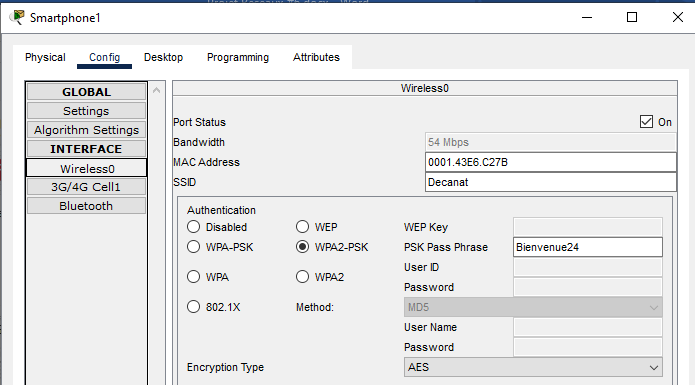
1. **L’architecture dans Cisco Tracer :**

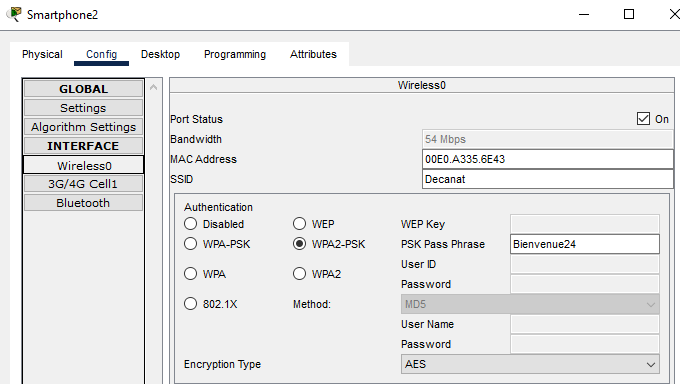
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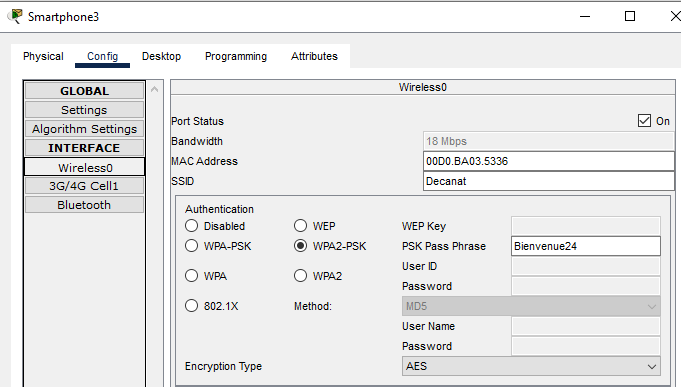
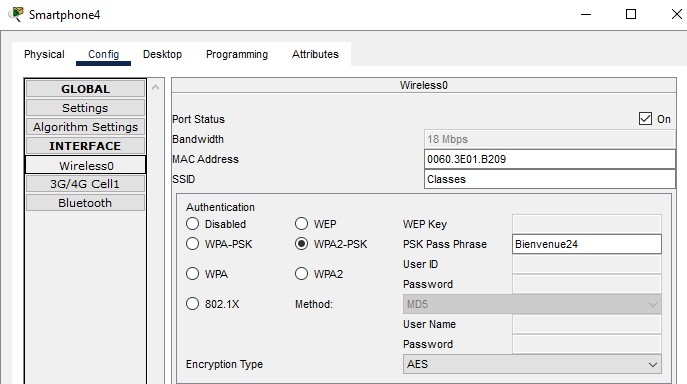
1. **Configuration des points D’accès : pour la connexion des téléphones et Tablettes :**

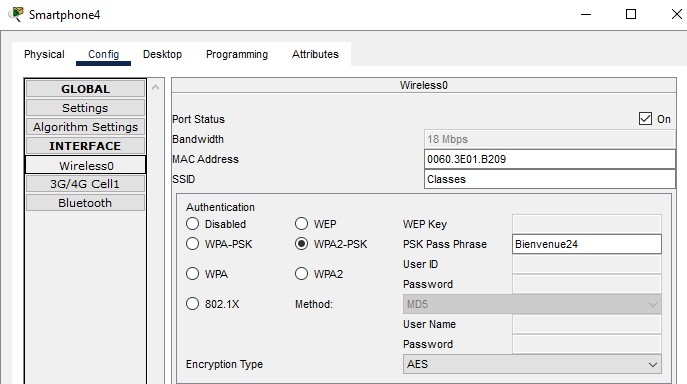
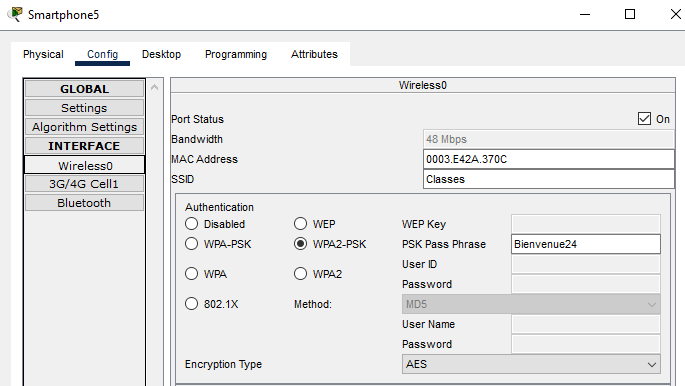
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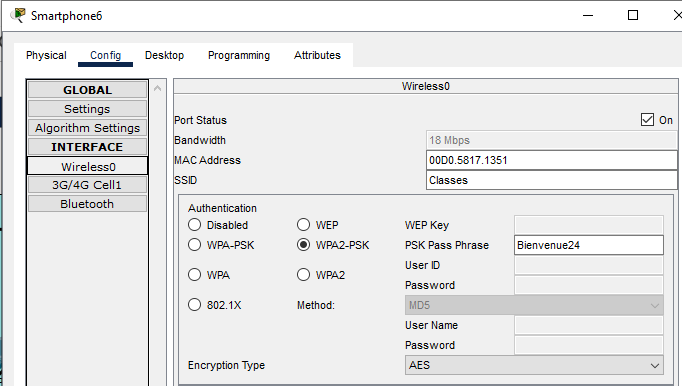
1. **Activation de l’interface des Smartphones et Tablettes pour la connexion :**

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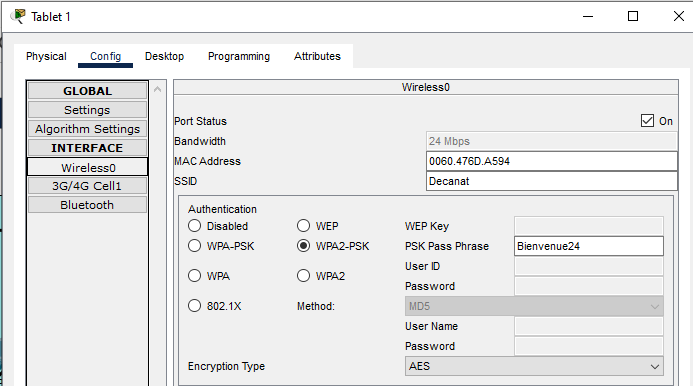
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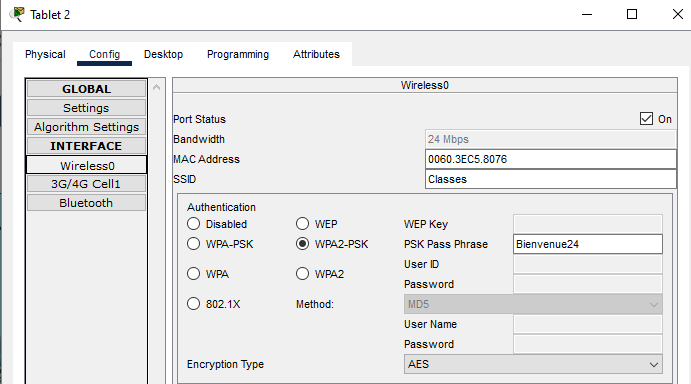
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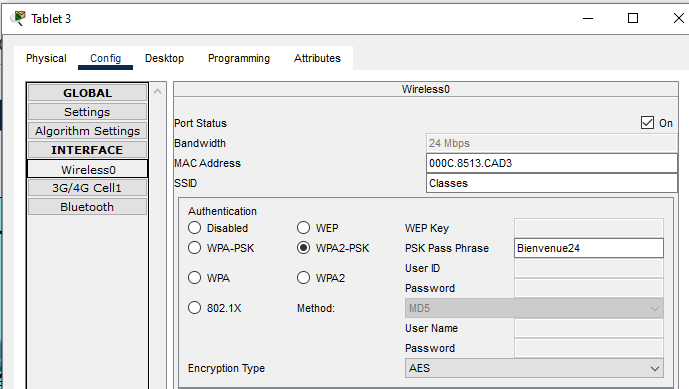
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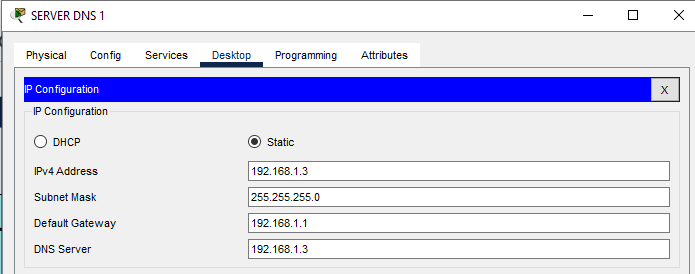
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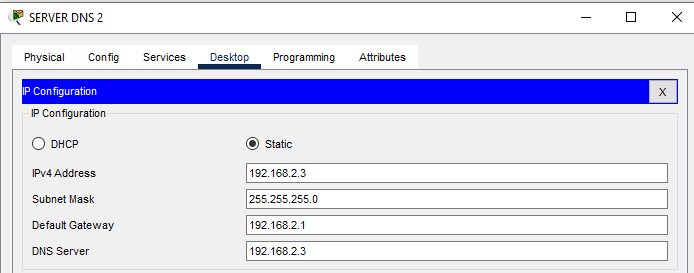
* **Les Tablettes :**

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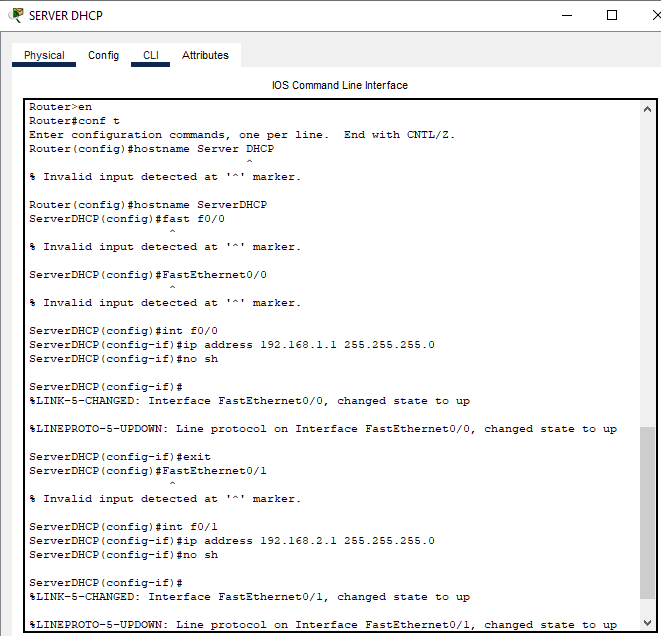
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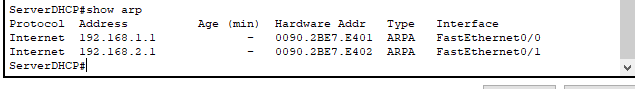
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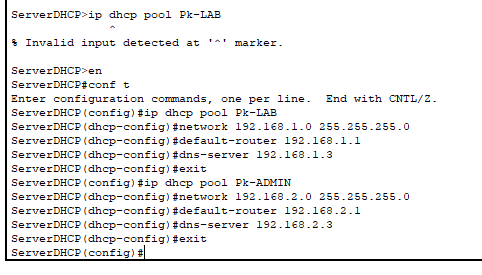
1. **Configuration statique des Server DNS :**

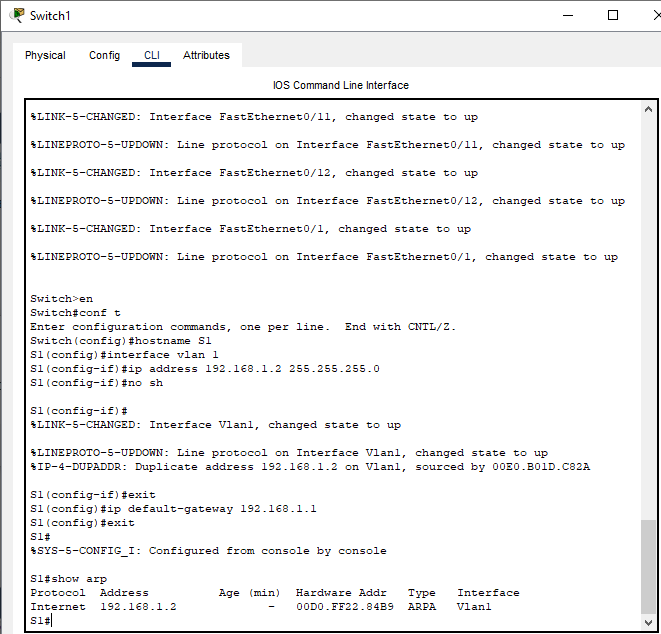
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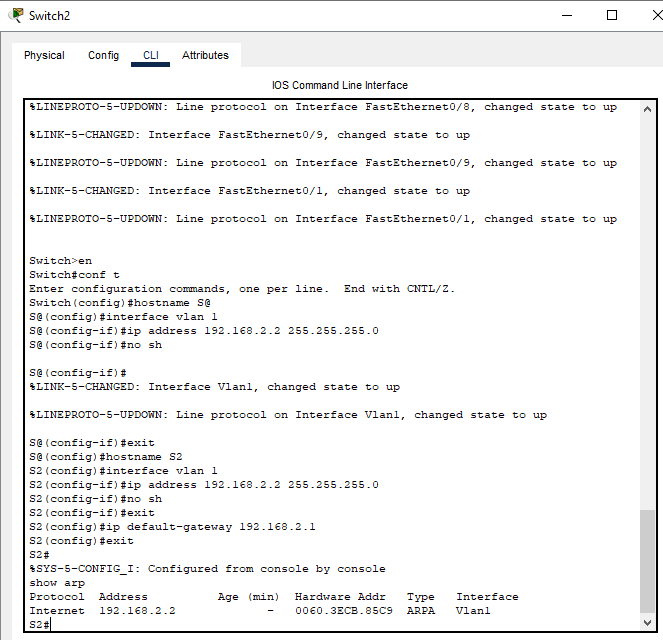
1. **Configuration du Router Comme Server DHCP :**

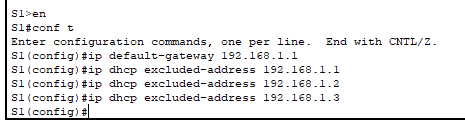
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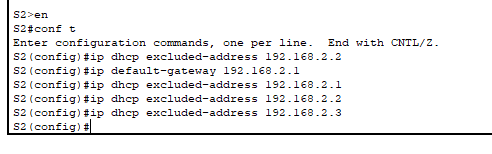
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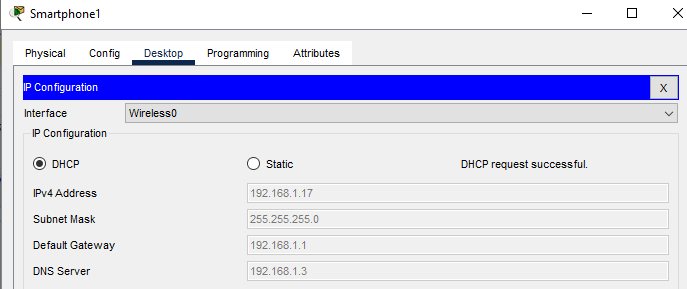
1. **Configuration des Switch :**

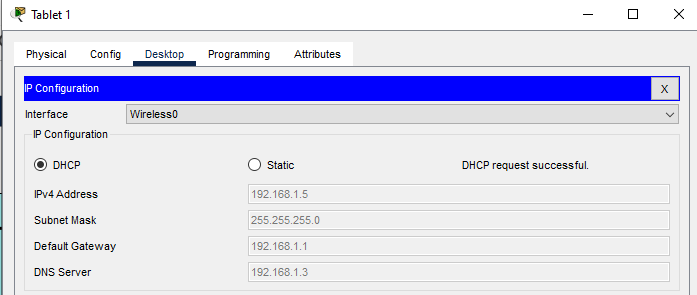
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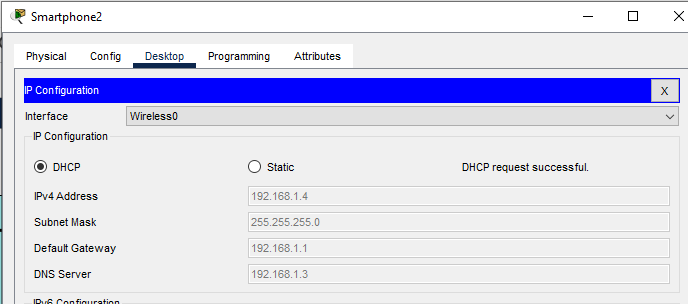
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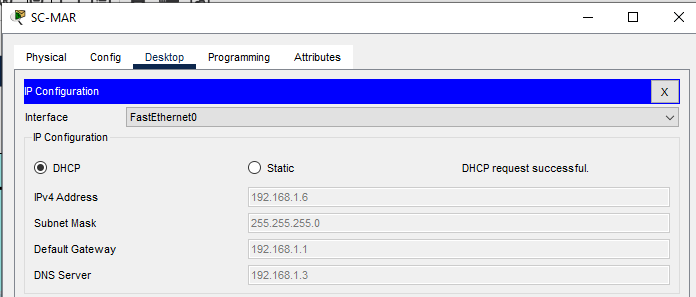
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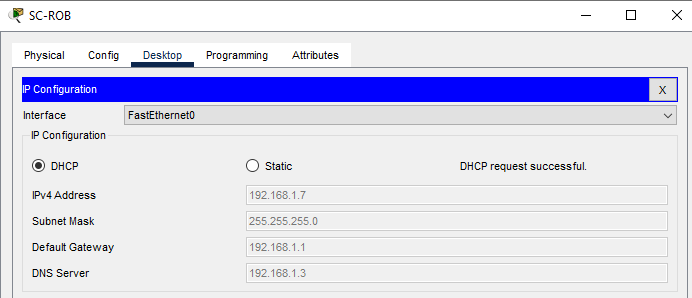
1. **Adressage IP automatiques des dispositifs grâce au serveur DHCP :**

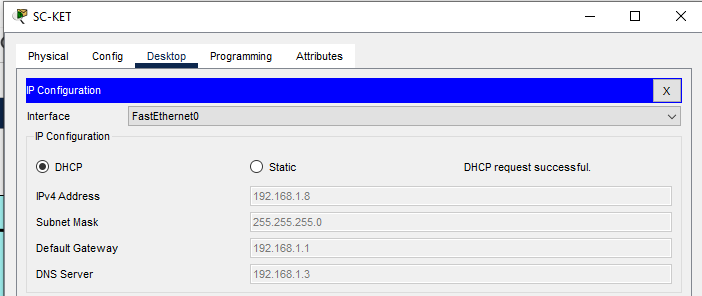
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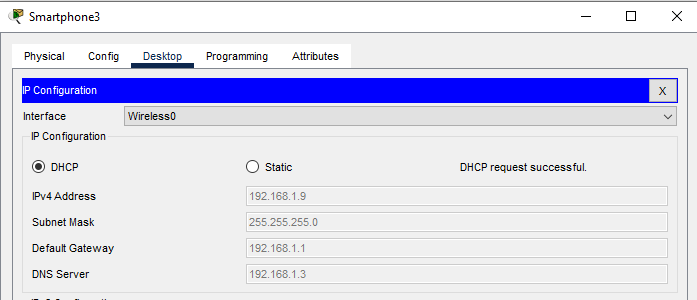
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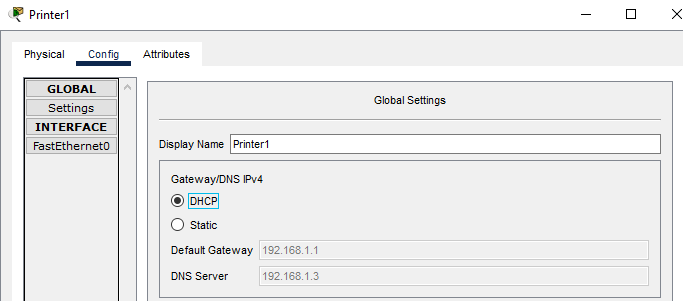
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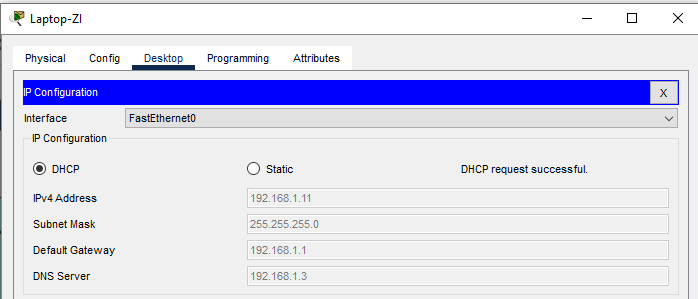
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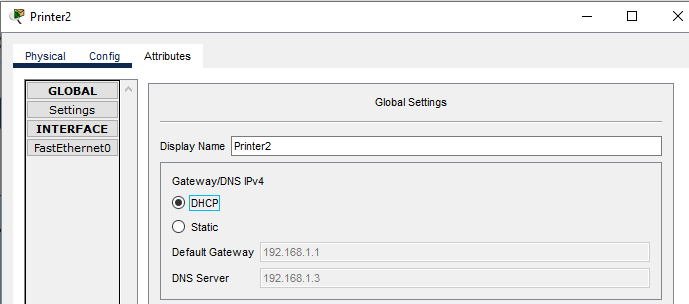
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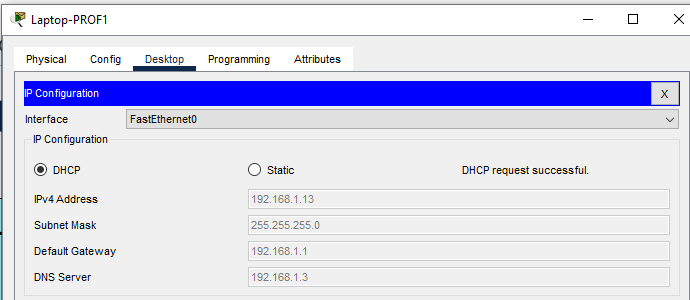
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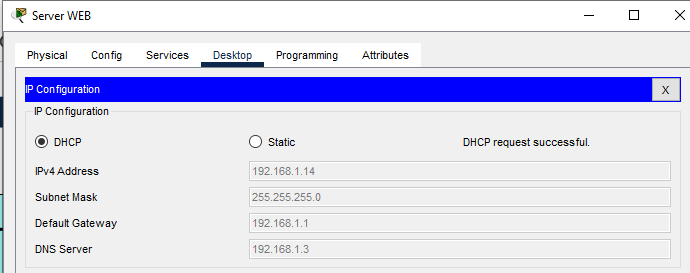
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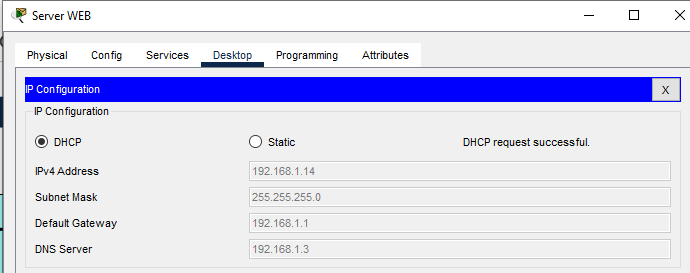
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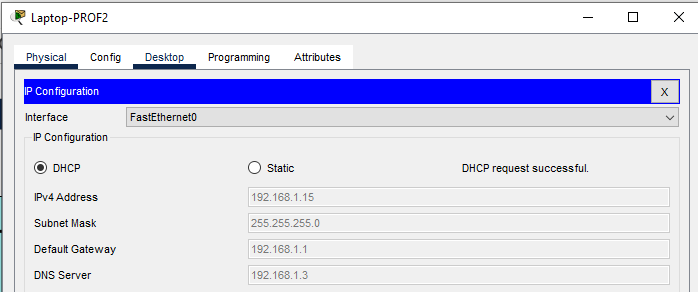
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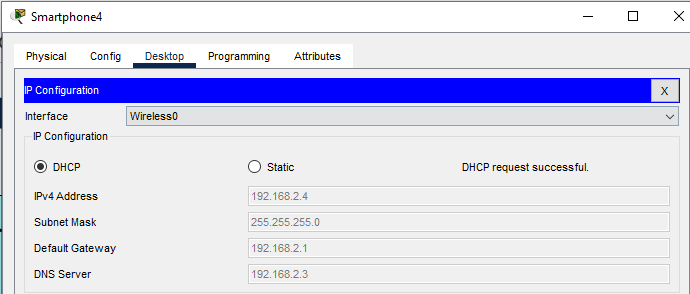
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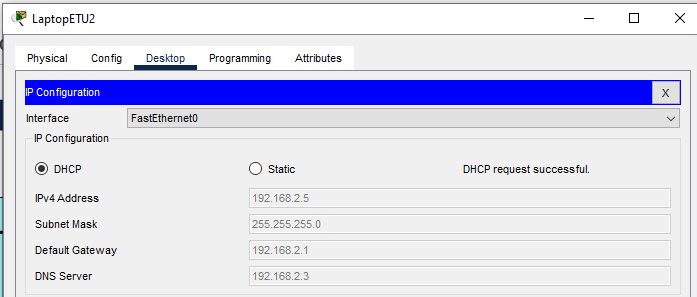
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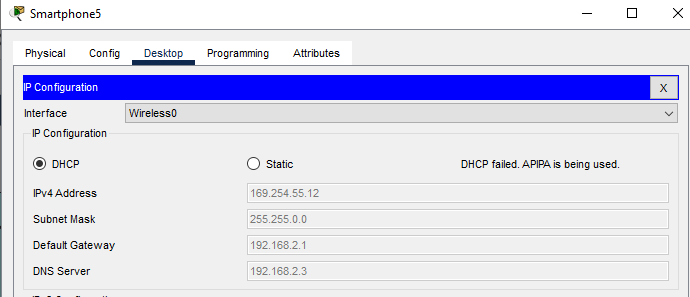
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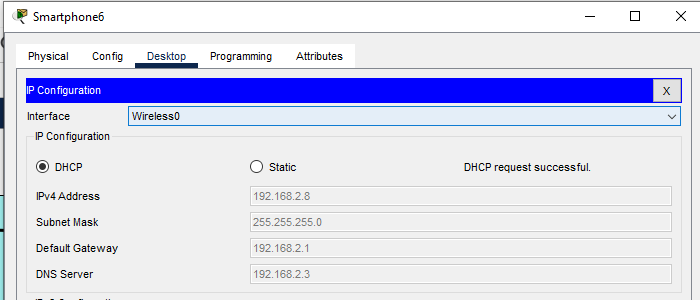
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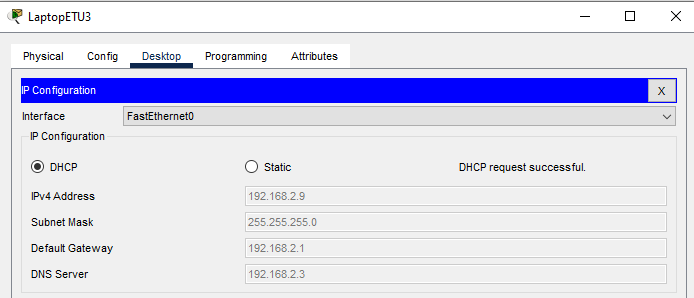
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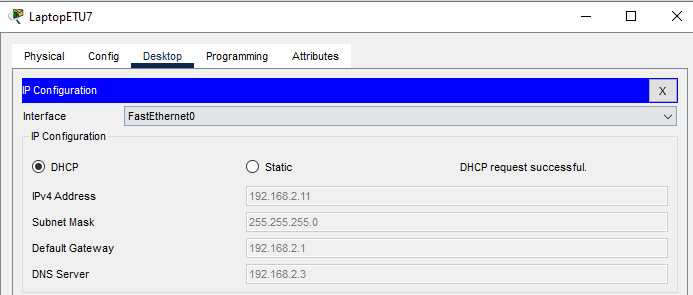
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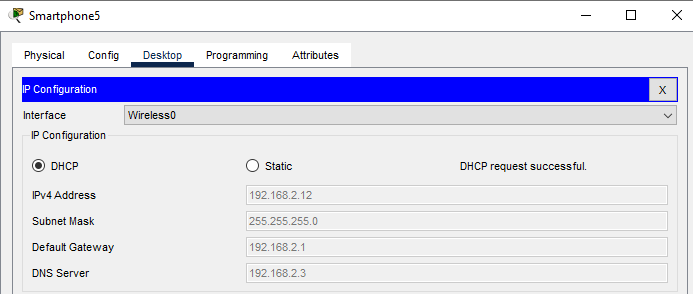
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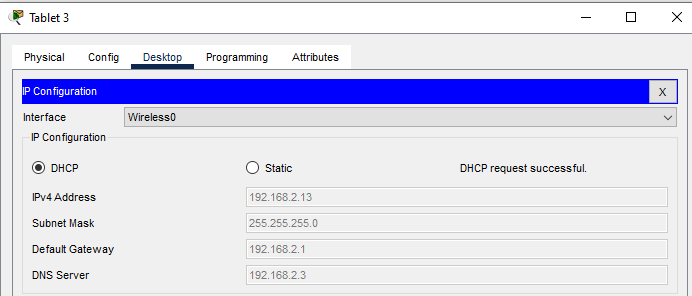
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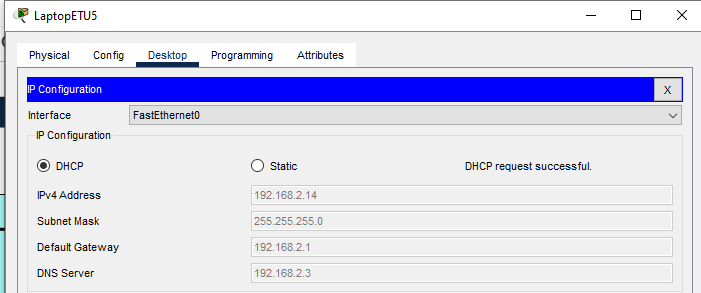
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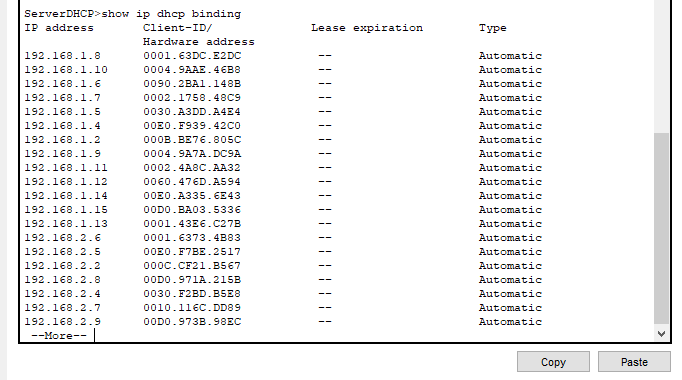
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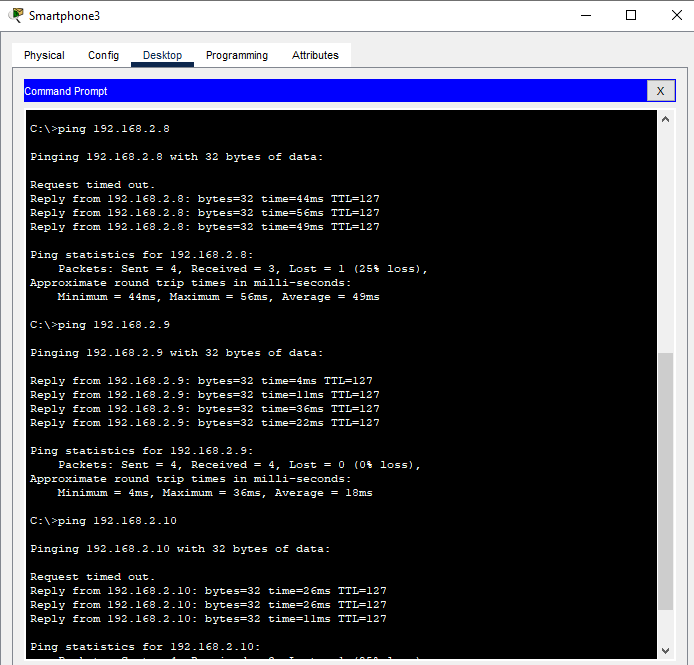
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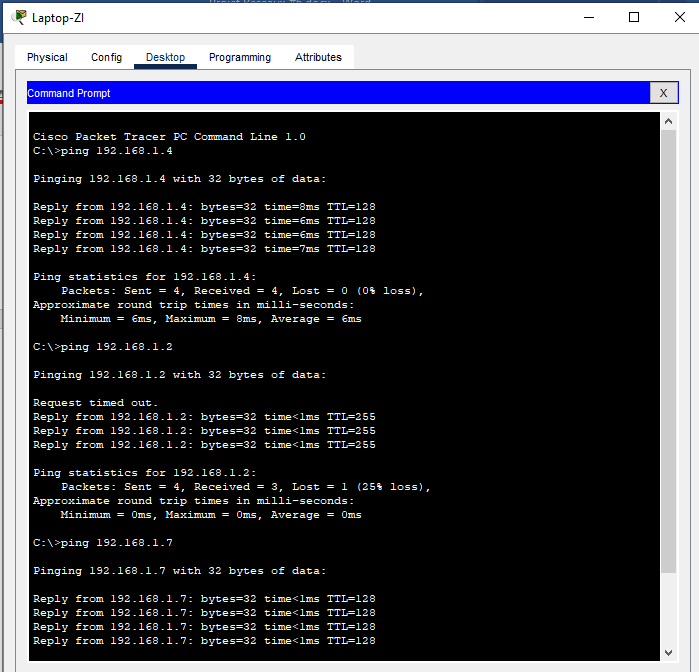
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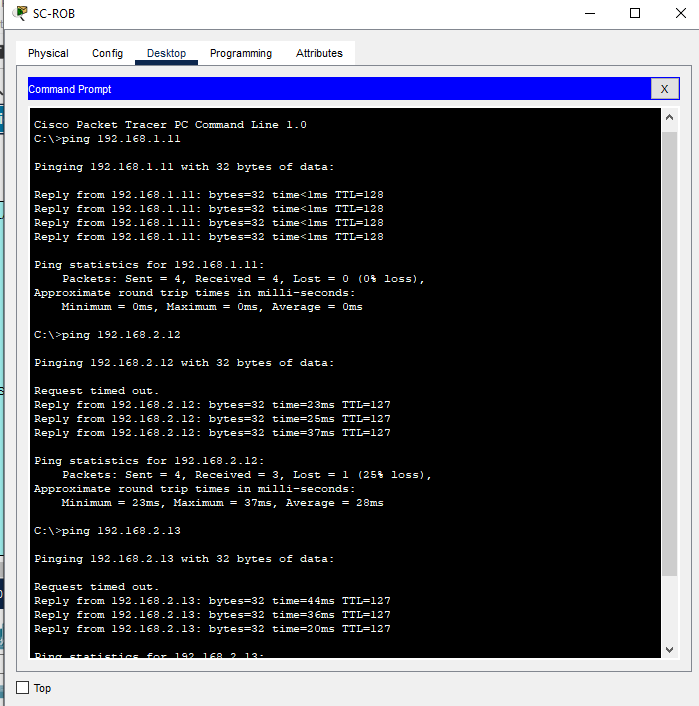
1. **Vérification du service DHCP :**

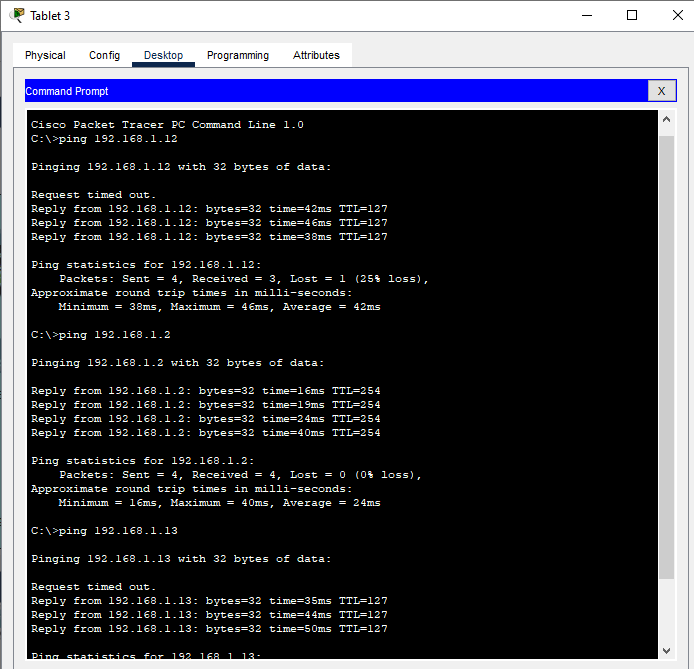
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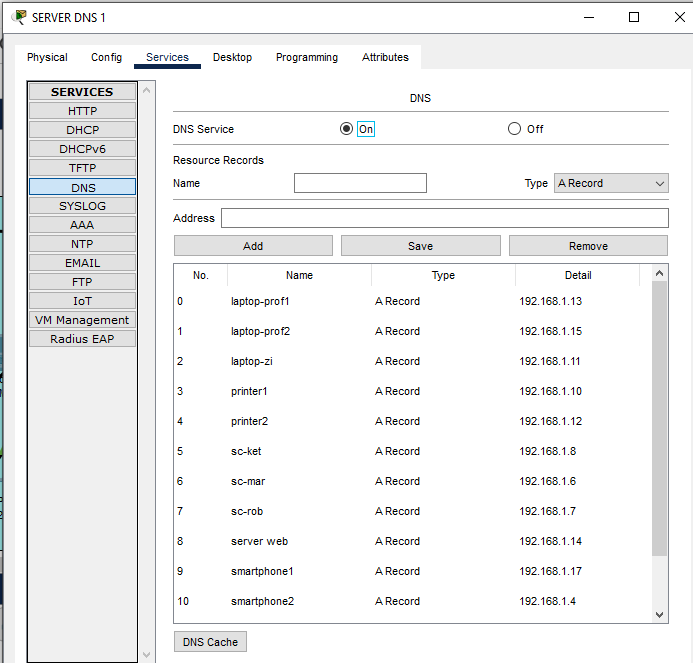
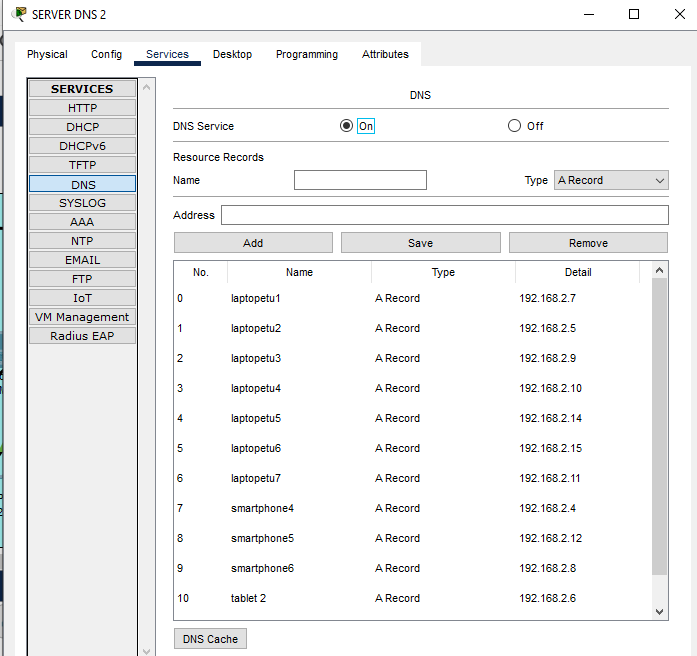
1. **Vérification de la connectivité :**

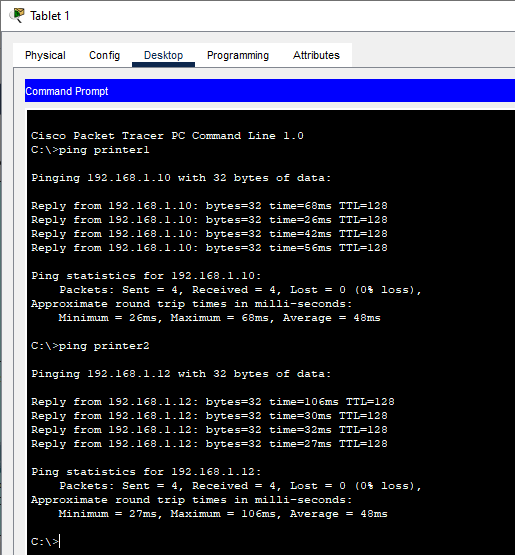
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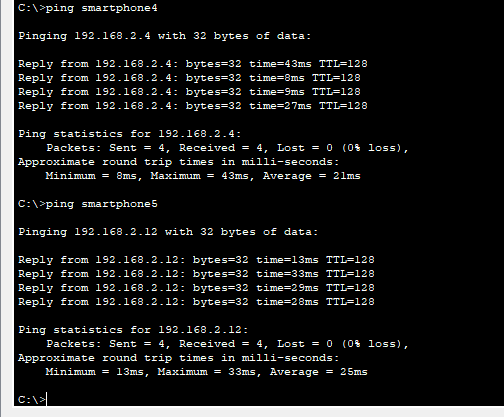
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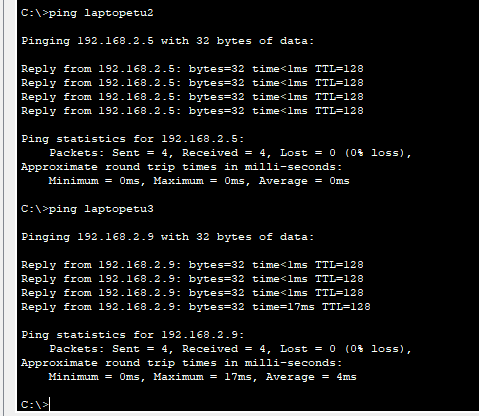
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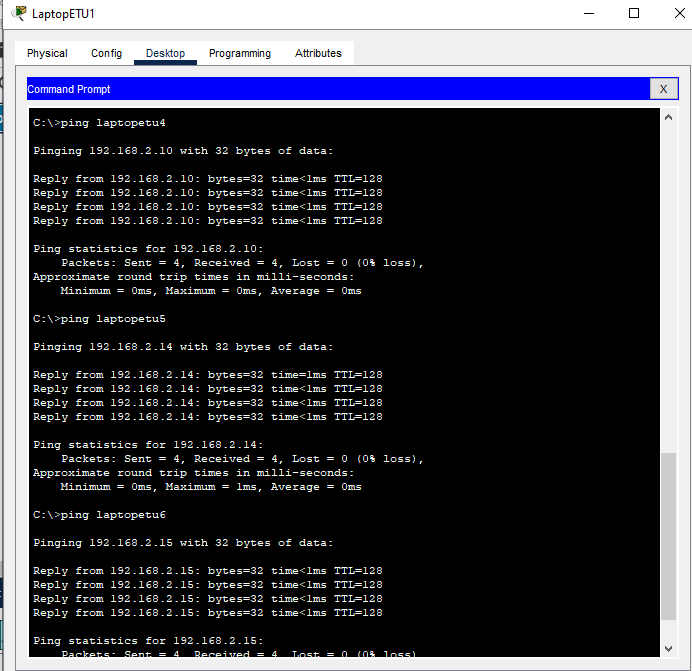
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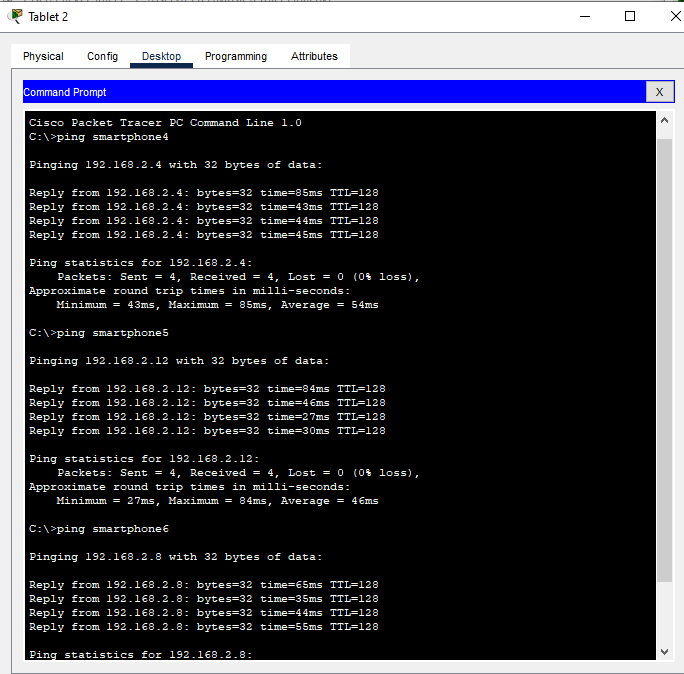
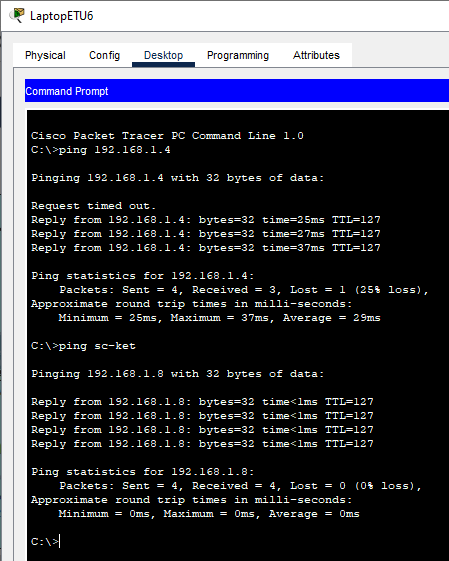
1. **Ajouter des enregistrements DNS :**
2. **Vérification de la Résolution de Noms :**

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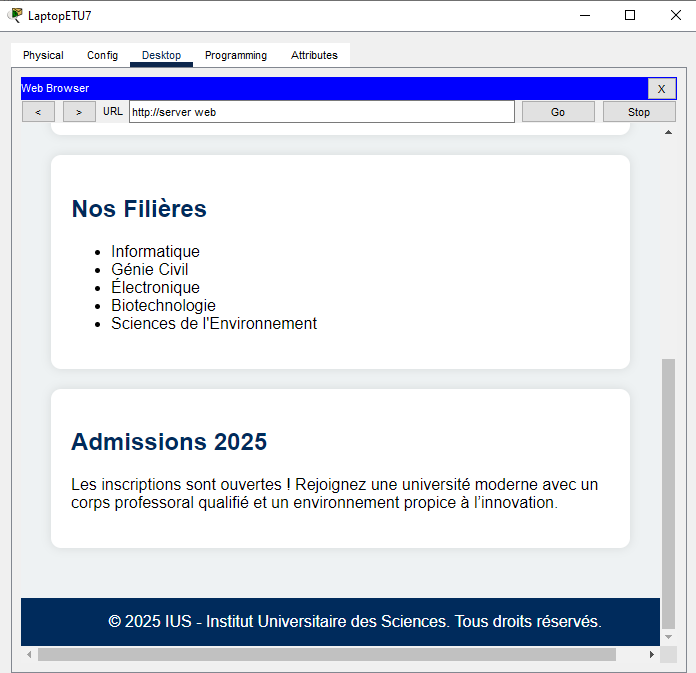
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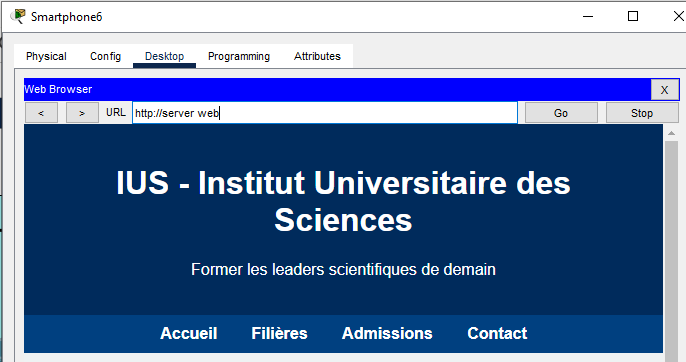
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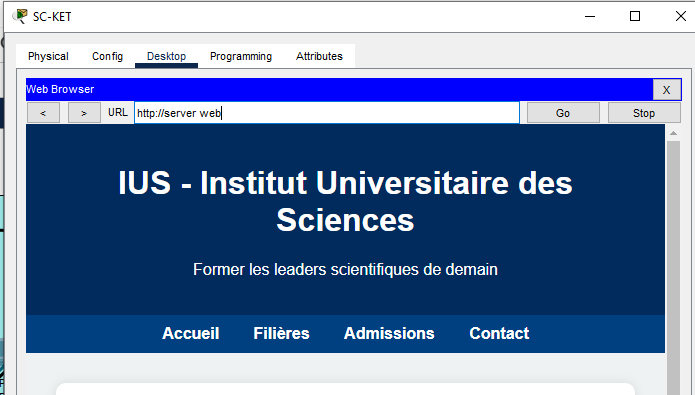
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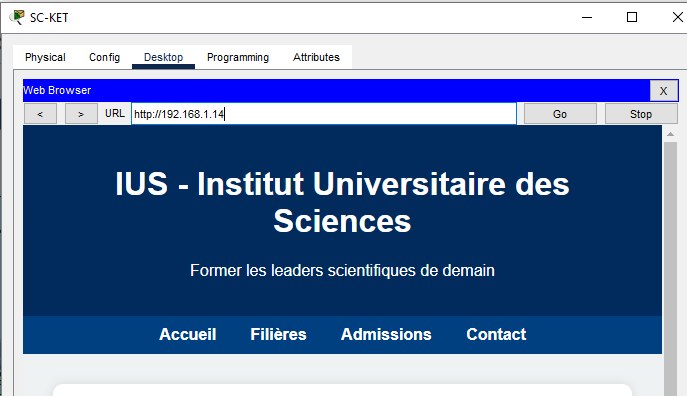
1. **Vérification du Server Web :**

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1. **Maintenant avec l’adresse IP du Server Web**

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**CONCLUSION :**

J’ai appris les compétences nécessaires pour configurer des services DNS et DHCP à l’aide de Cisco Packet. Le service DHCP simplifie considérablement la gestion des adresses IP en les attribuant automatiquement aux hôtes du réseau, tandis que le DNS facilite l’accès aux ressources en traduisant les noms de domaine en adresses IP. Grâce aux simulations pratiques, j’ai acquis une meilleure maîtrise de leur configuration, de leur fonctionnement et de leur interaction dans un environnement réseau.